Data

Version	Steel housing with sight glass
Fuse	Coolant should blow off at 117° ± 3° C
Temperature switch in receiver dehydrator	Cutting-in point: 52° ± 3° C (Diesel models 4/5 cylinders) Cutting-in point: 62° ± 3° C (Gasoline models 4/6 cylinders) Temp. tolerance: 7° – 12° C
Pressure switch in receiver dehydrator	Cutting-out pressure: 2 ± 0.2 bar gauge Cutting-in pressure: max. 0.6 bar above cutting-out pressure

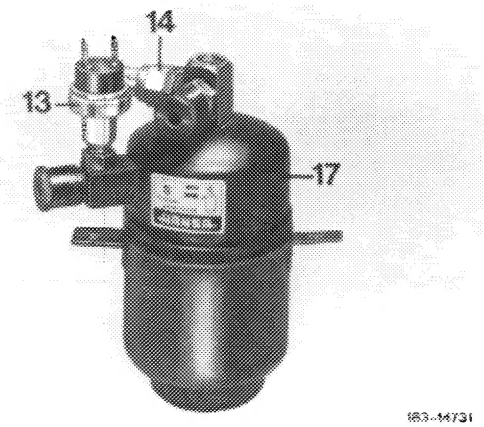
Tightening torques	Nm	(kpm)
Hose lines to receiver dehydrator	15–18	(1.5–1.8)

Note

In the event of trouble on air-conditioning system as the result of contamination or icing-up, as well as on air-conditioning systems without refrigerant, a new receiver dehydrator should generally be installed. According to contamination, the air-conditioning system must be blown out with refrigerant R 12 or nitrogen or flushed with refrigerant R 11 prior to installation of new receiver dehydrator.

Removal

Drain air-conditioning system (83–516).

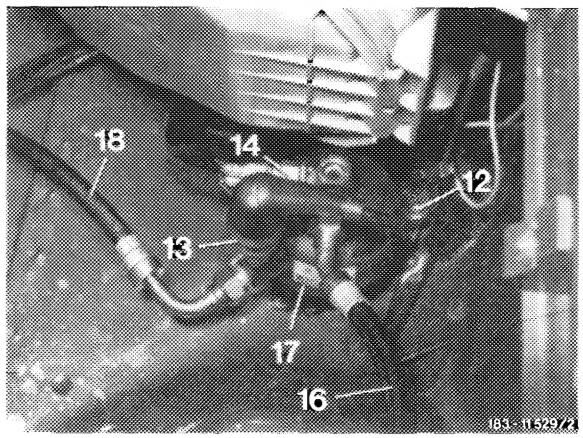


1st version

2 Pull electric plug from temperature switch (14) and from pressure switch (13) and unscrew both screws.

3 Unscrew hose lines (16 and 18) from receiver dehydrator (17). Close connections blind.

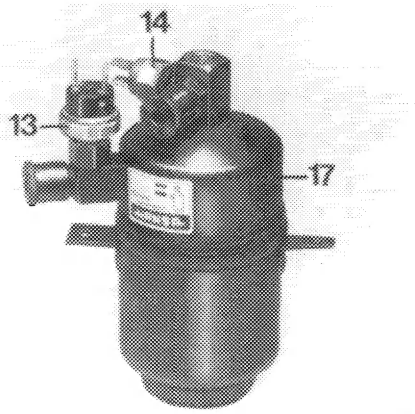
4 Unscrew two screws (12) and remove receiver dehydrator (17).



Installation

5 Attach new receiver dehydrator with screws (12).

6 Mount temperature switch (14) and pressure switch (13) on receiver dehydrator (17). On pressure switch 1st version (cone seal), moisten threads and cone with cold-flowing oil. Pressure switch (2nd version) with O-ring (13) check and renew, if required (83–532).



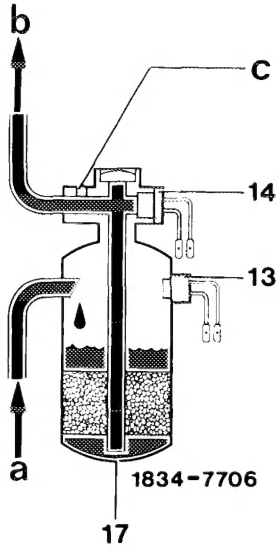
2nd version

183-14730

7 Mount electric plug on temperature switch (14) as well as on pressure switch (13).

8 Evacuate air-conditioning system and refill (83–514).

9 Check air-conditioning system for function (83–510).



a From condenser
b To expansion valve
c Fuse